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M2 - [01] A547 A940 C108 C307 C510 C730 C801 C802 C803 C804 C807 M411 M431
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- [02] A430 A940 C108 C307 C510 C730 C801 C802 C803 C804 C807 M411 M431
M782 M903 M904 M910 P220 P943; R01774-M; 9240-7

- [03] C108 C307 C500 C510 C730 C801 C802 C804 C807 M411 M431 M782 M903
M904 M910 P220 P943; R01648-M; 9240-7

PA - (SHIN-N) SHINANEN NEW CERAMIC KK

- (TAKA-N) TAKAMITSU KK

PN - JP3169621B2 B2 20010528 DW200132 A61K33/38 008pp

- JP4244029 A 19920901 DW199241 A61K33/38 008pp

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XIC - A61K-033/06 ; A61K-033/30 ; A61K-033/38 ; A61K-047/02 ; A61P-017/00

AB - J04244029 The agent contains an aluminosilicate carrying an
antibacterial metal ion as the active component, e.g. pref. Ag and Zn
ions.

- USE/ADVANTAGE - The agent is effective for skin diseases caused by
microbes such as comedo, seborrhoea, chronic eczema, acne, scabies and
tricophytia.

- In an example, A-type zeolite, Y-type zeolite and an amorphous
aluminosilicate were used. AgNO₃, Zn(NO₃)₂ and ammonium nitrate were
used as the ion donors. 1kg of the aluminosilicate was dried at 110
deg. C and suspended in 1l of water, then 0.05N HNO₃ was added to it at
a rate of 100 ml/30mins. to a pH of 5 to 9. 3l of aq. soln. of the ion
donor was added and stirred at 60 deg. for 10 to 24 hrs.. The
aluminosilicate phase was filtered and washed with water until
exchanged cation disappears. The sample was then dried at 110 deg. C.
Antibacterial activity was examined for various bacteria such as
Pseudomonas aeruginosa IIDP1 and others. Resistance-acquiring test was
performed using *P.aeruginosa*. Rabbit skin irritation was also
examined. An ointment and a cream each contg. an antibacterial
aluminosilicate were prep'd.(Dwg.0/0)

AW - ACNE SEBORRHOEA ECZEMA SCABIES

AKW - ACNE SEBORRHOEA ECZEMA SCABIES

CN - R07707-M R01760-M R01774-M R01648-M

DRL - 9240-7

IW - EXTERNAL ANTIBACTERIAL AGENT TREAT SKIN DISEASE CONTAIN
ALUMINOSILICATE SUPPORT CARRY ANTIBACTERIAL METAL ION ZINC SILVER ION

IKW - EXTERNAL ANTIBACTERIAL AGENT TREAT SKIN DISEASE CONTAIN

BNSDOCID: <XP_2215314A_> UMINOSILICATE SUPPORT CARRY ANTIBACTERIAL METAL ION ZINC SILVER ION

NC - 001

OPD - 1991-01-29

ORD - 1992-09-01

PAW - (SHIN-N) SHINANEN NEW CERAMIC KK

- (TAKA-N) TAKAMITSU KK

TI - External antibacterial agent for treatment of skin diseases - contg.
aluminosilicate support carrying antibacterial metal ion e.g. zinc and
silver ions